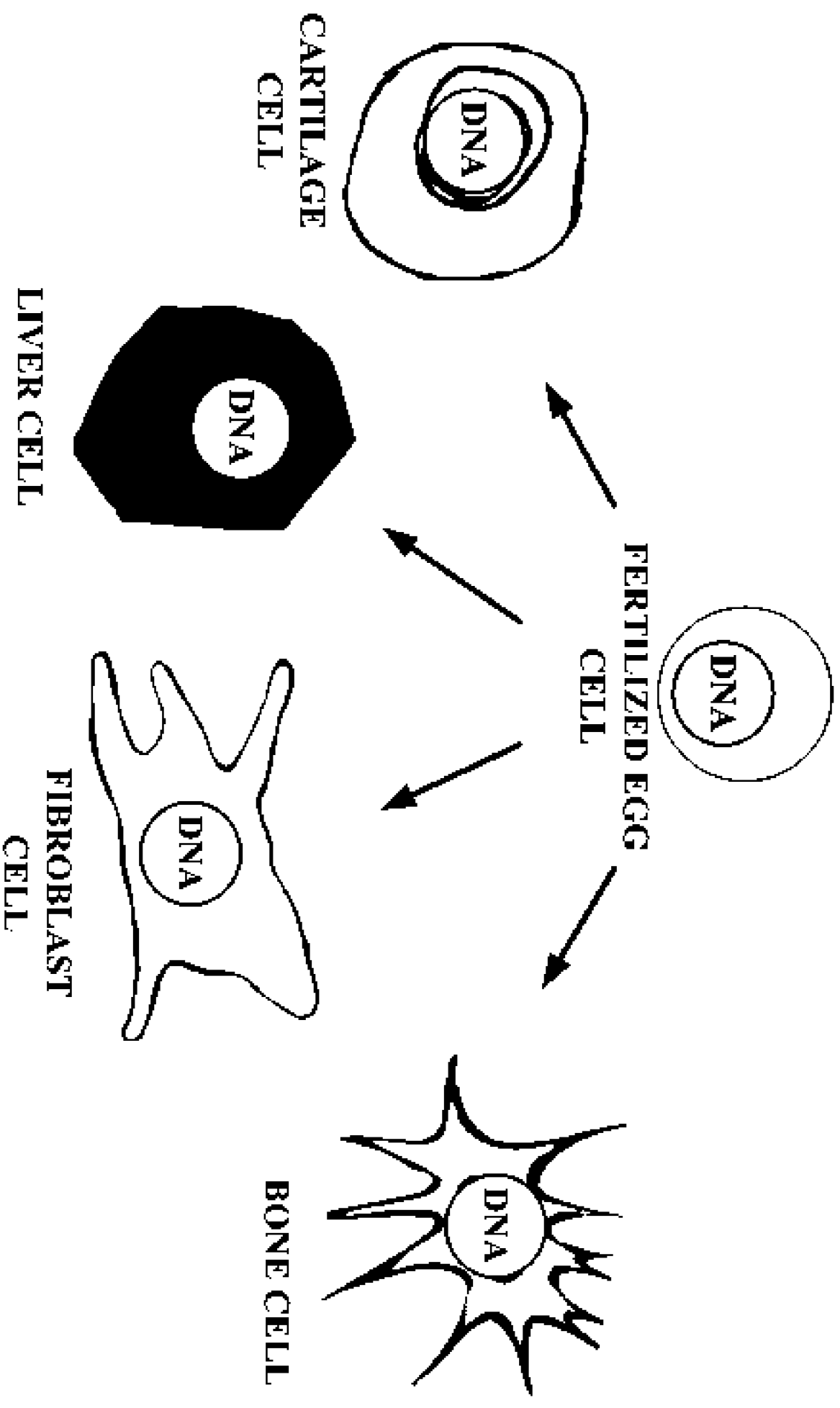


FIG. 1



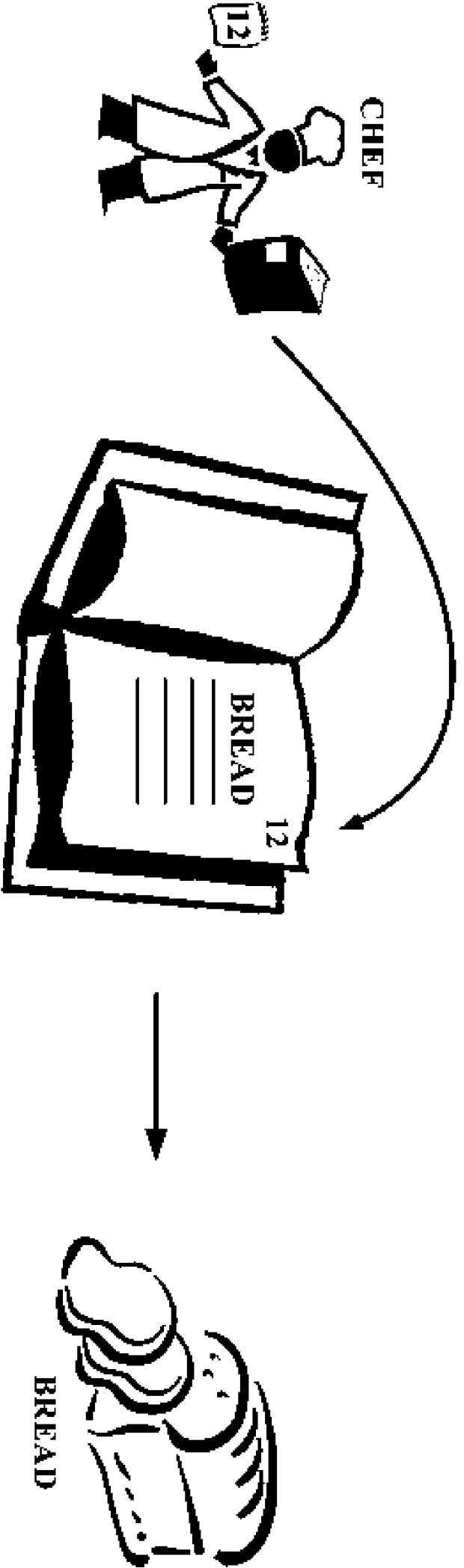


FIG. 2B

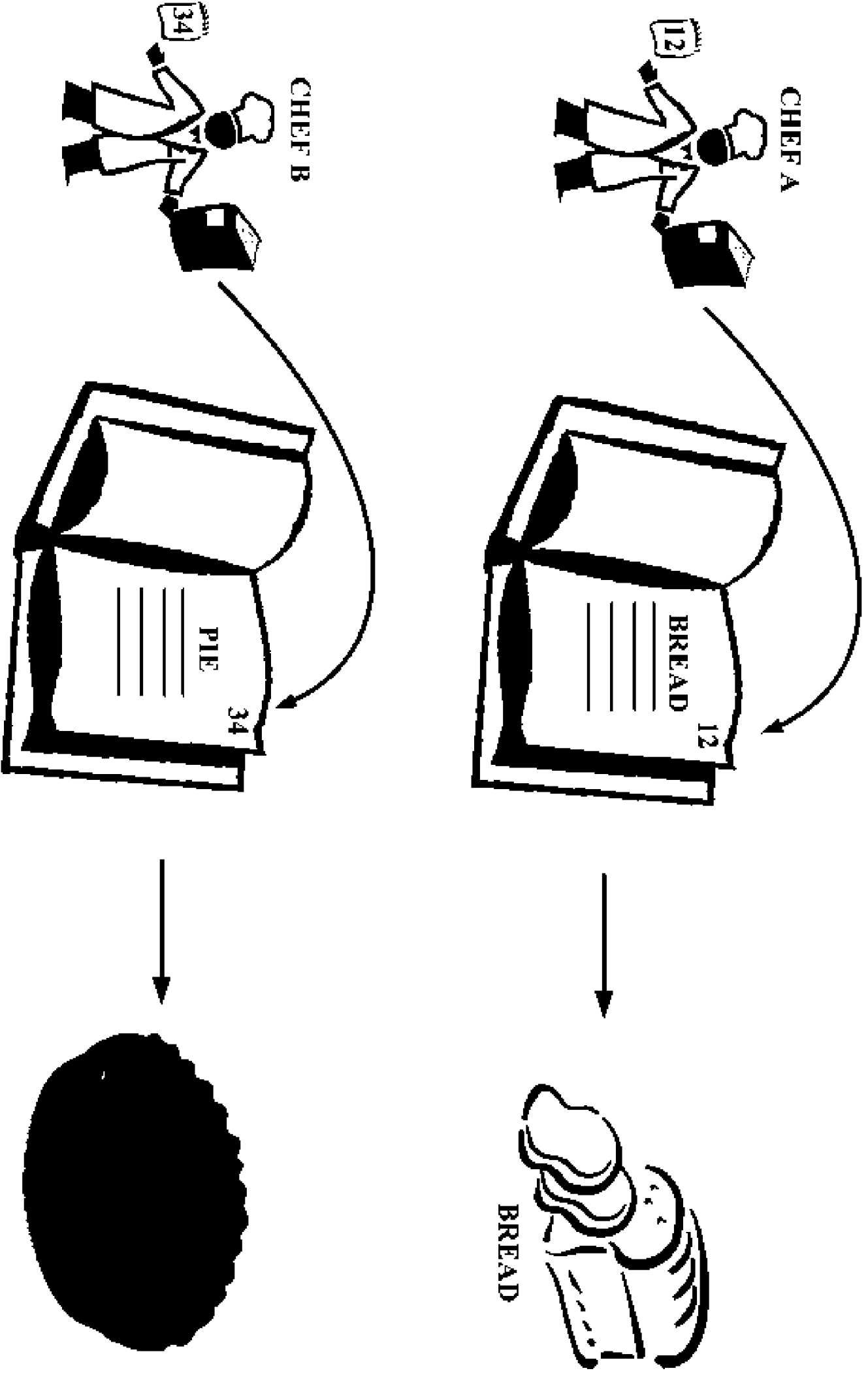


FIG. 3

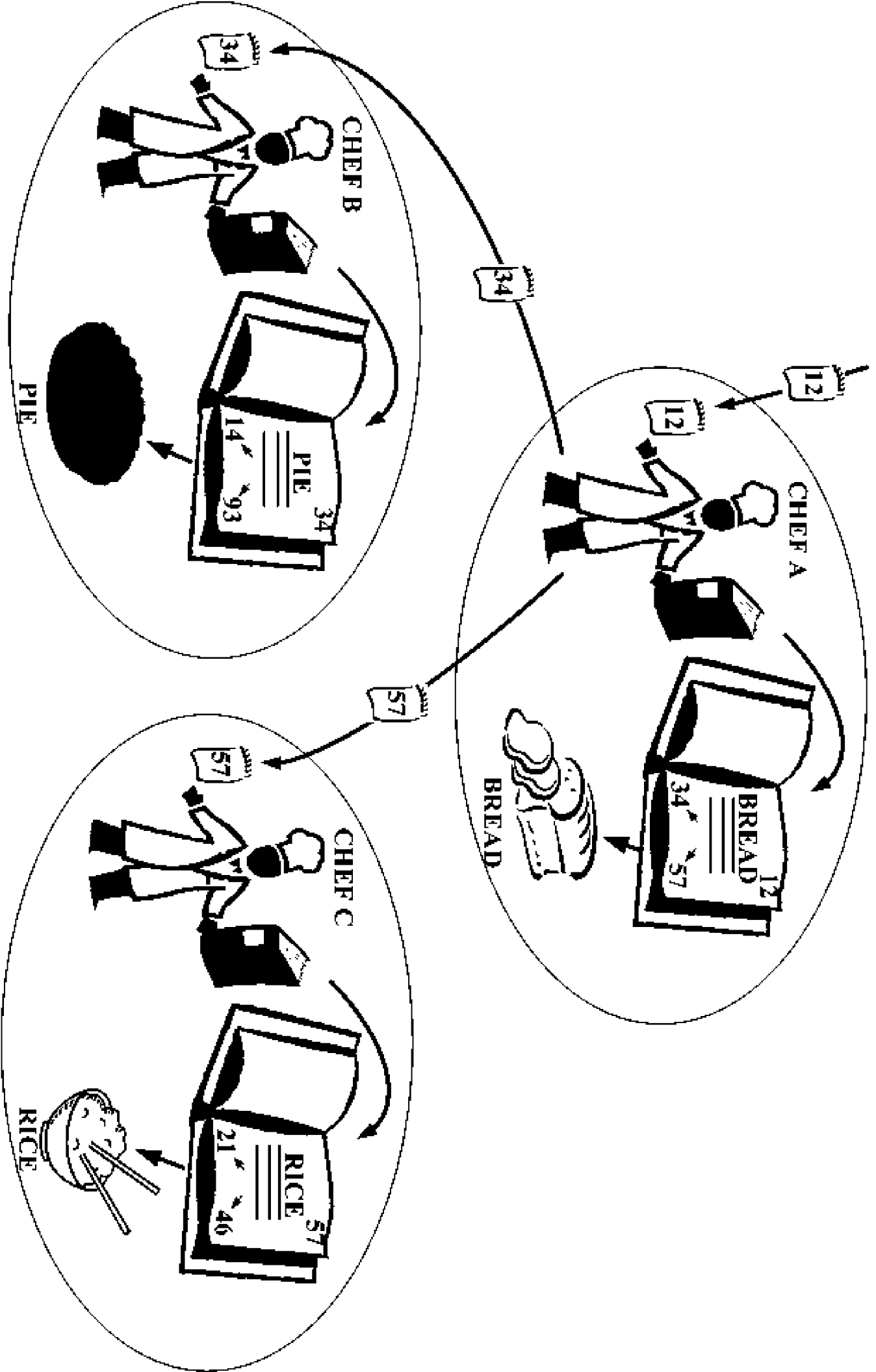
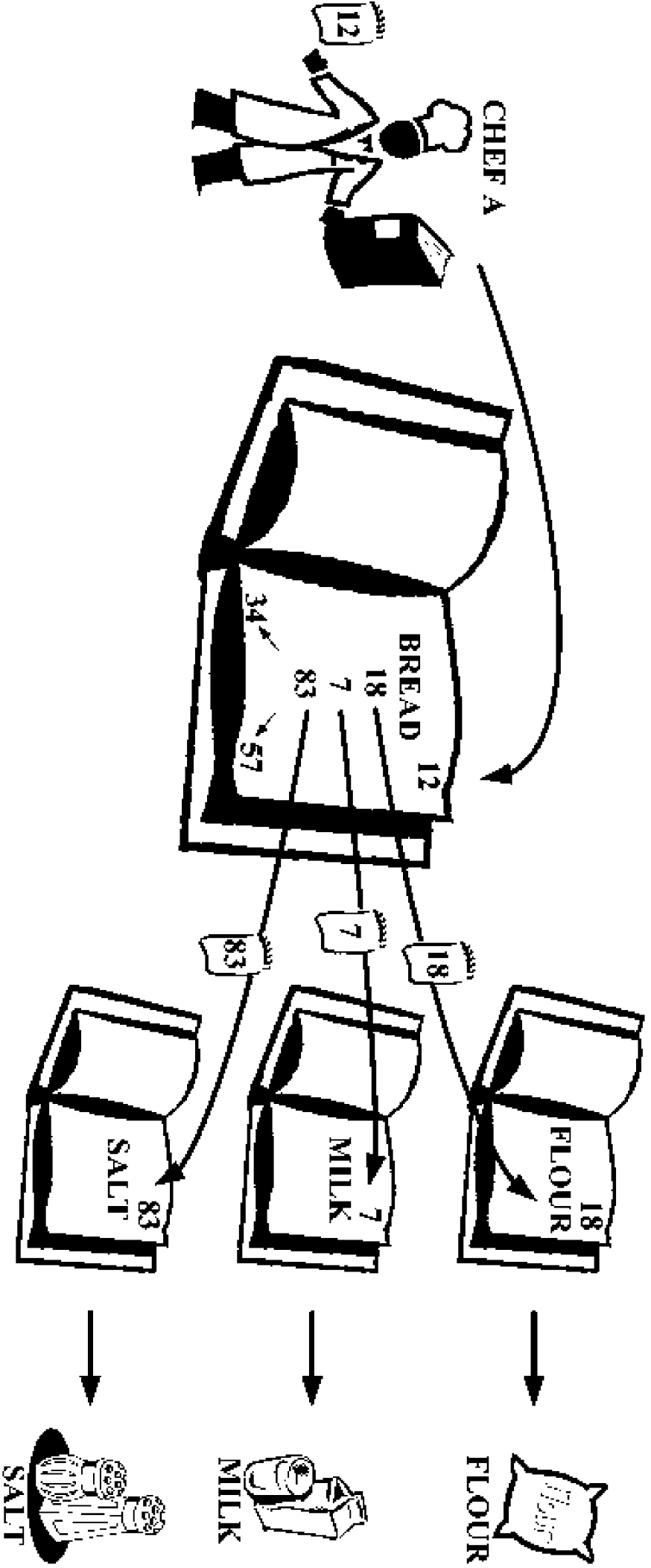


FIG. 4



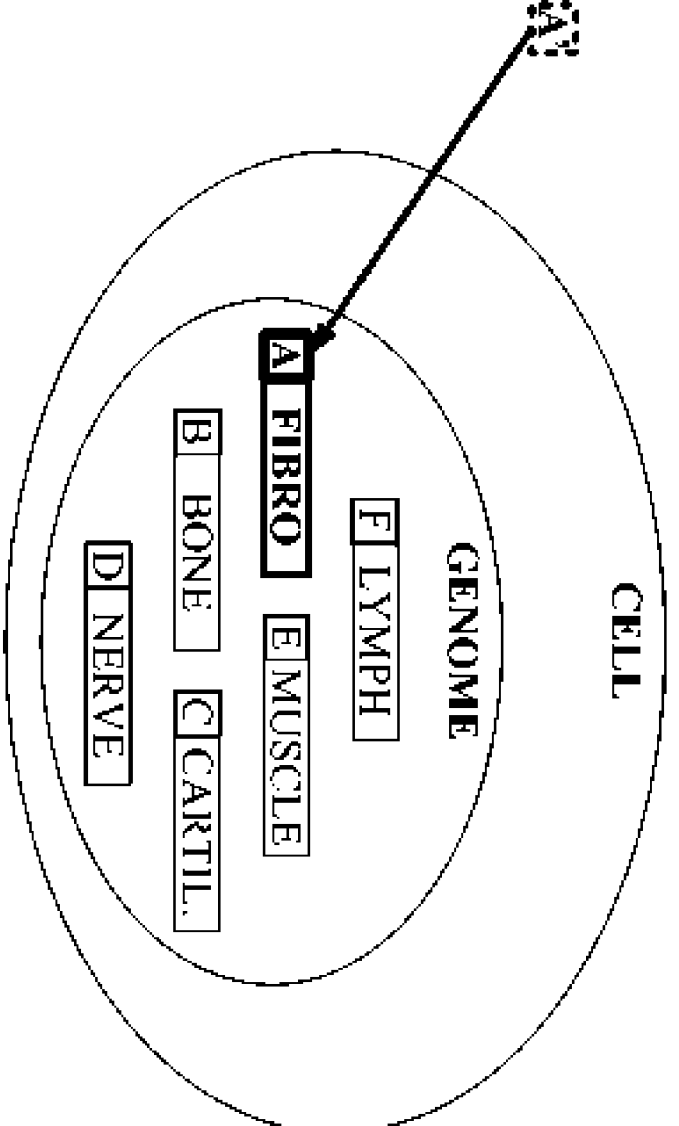


FIG. 5A

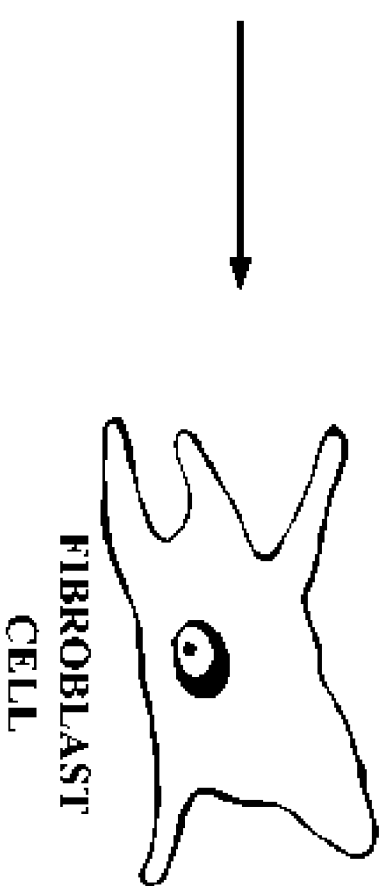


FIG. 5B

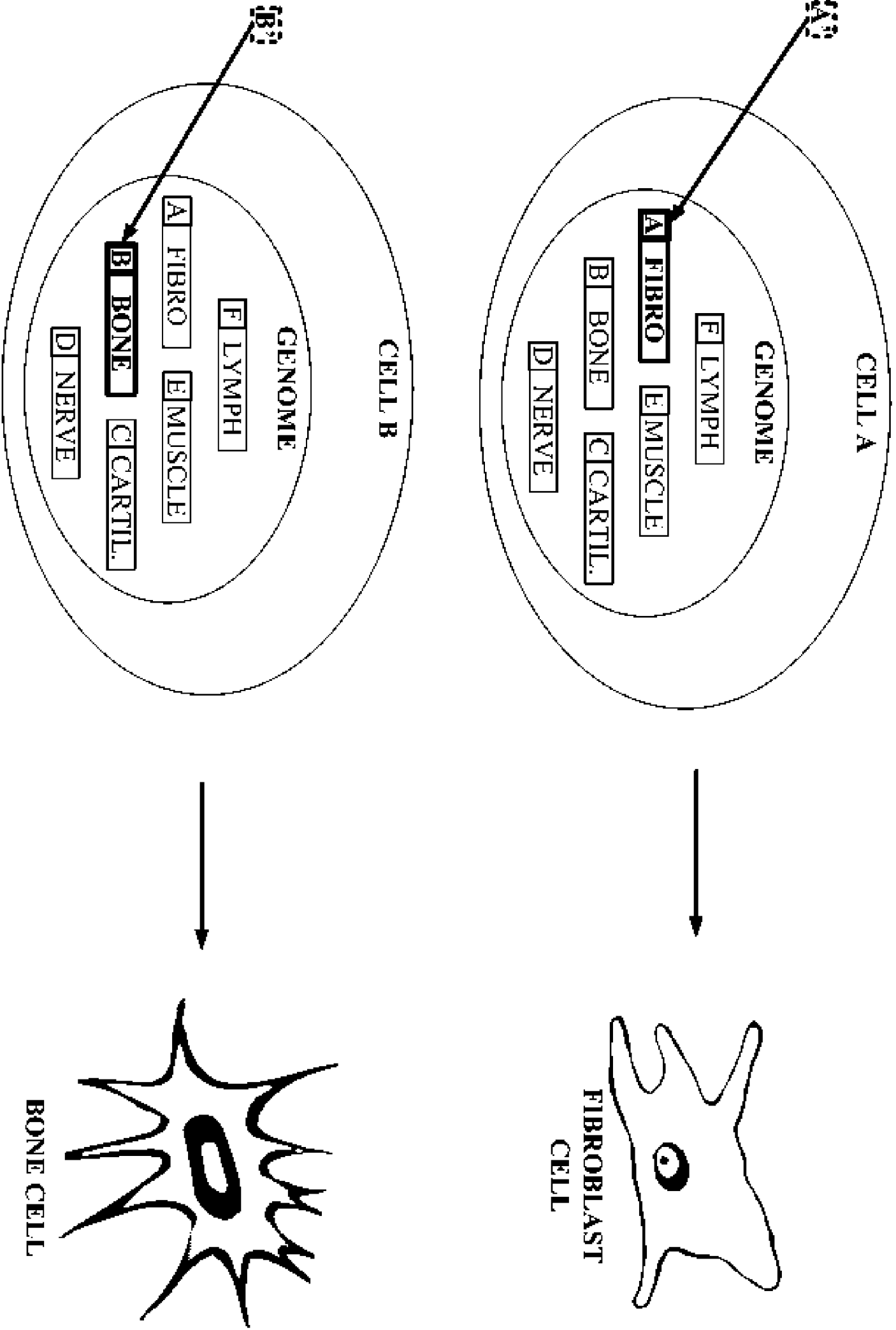


FIG. 6

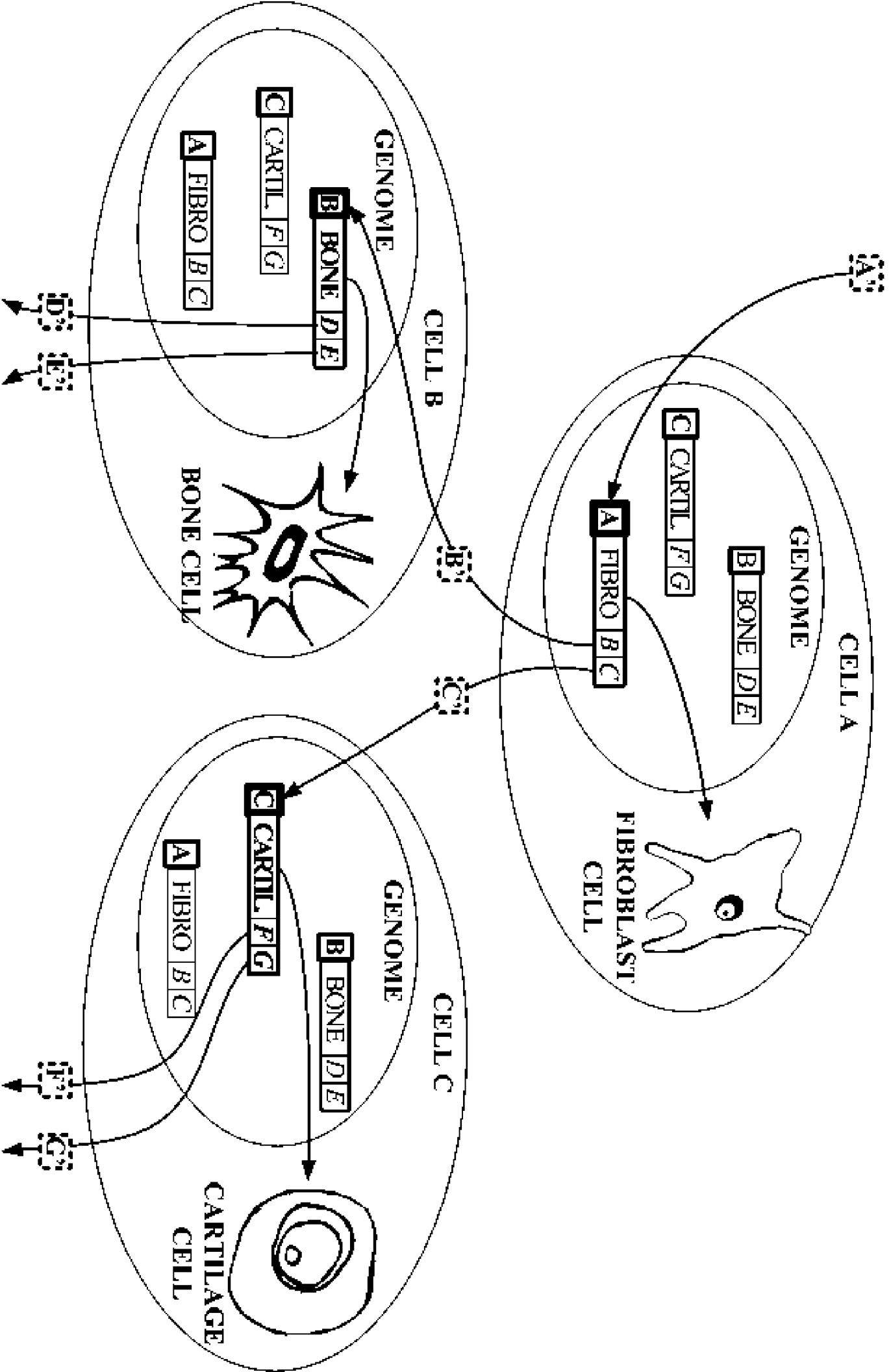


FIG. 7

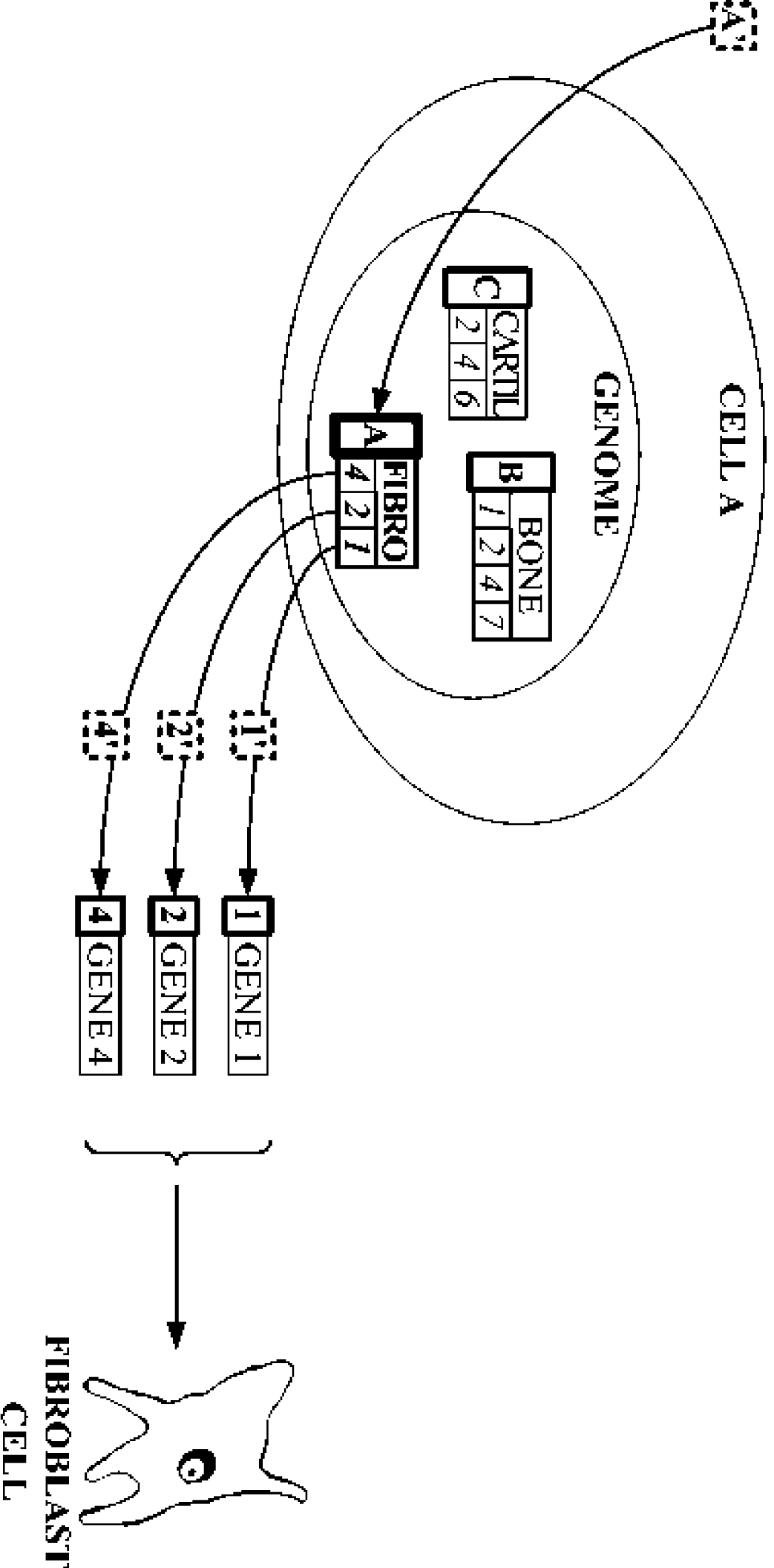


FIG. 8

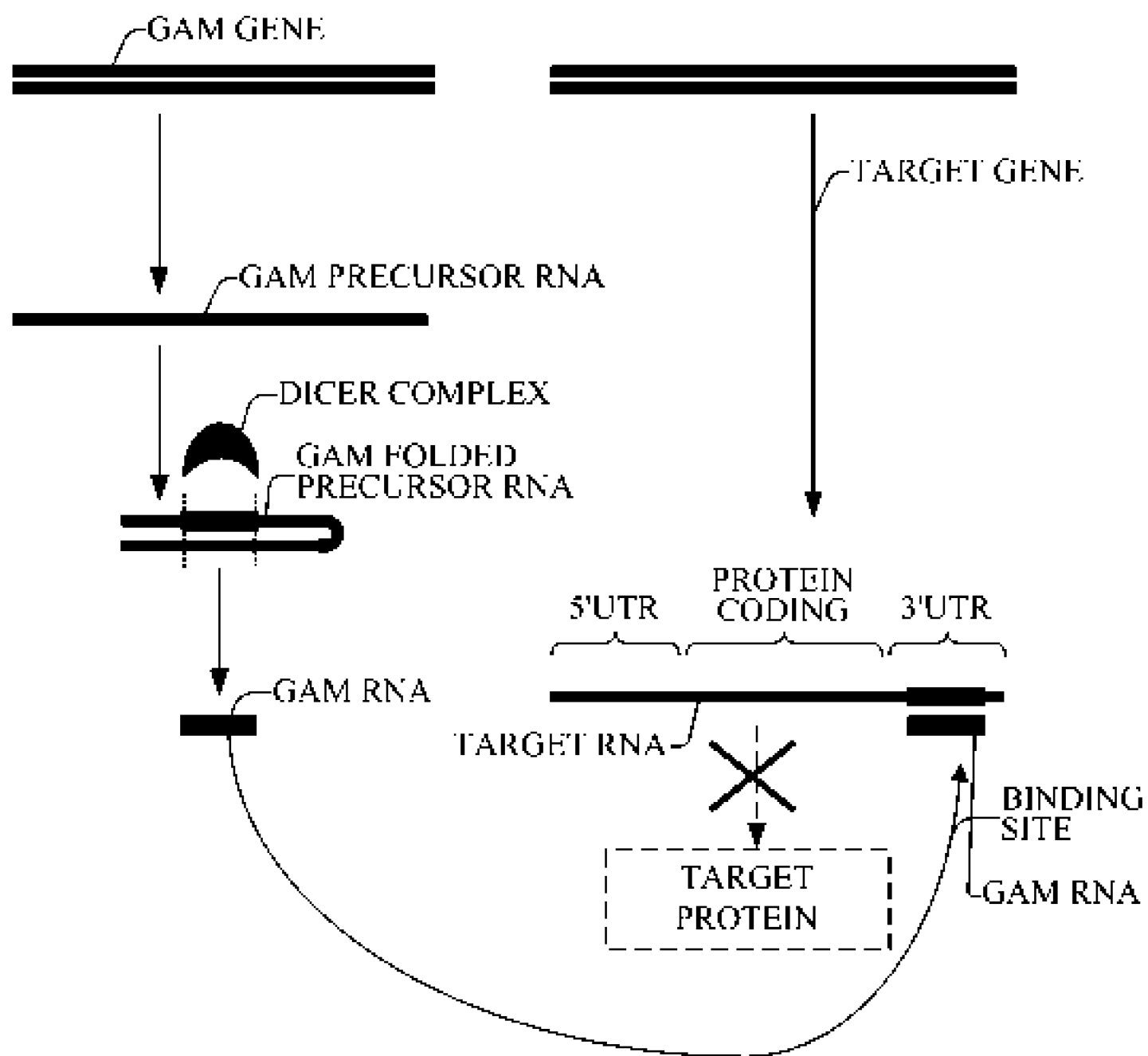


FIG. 9

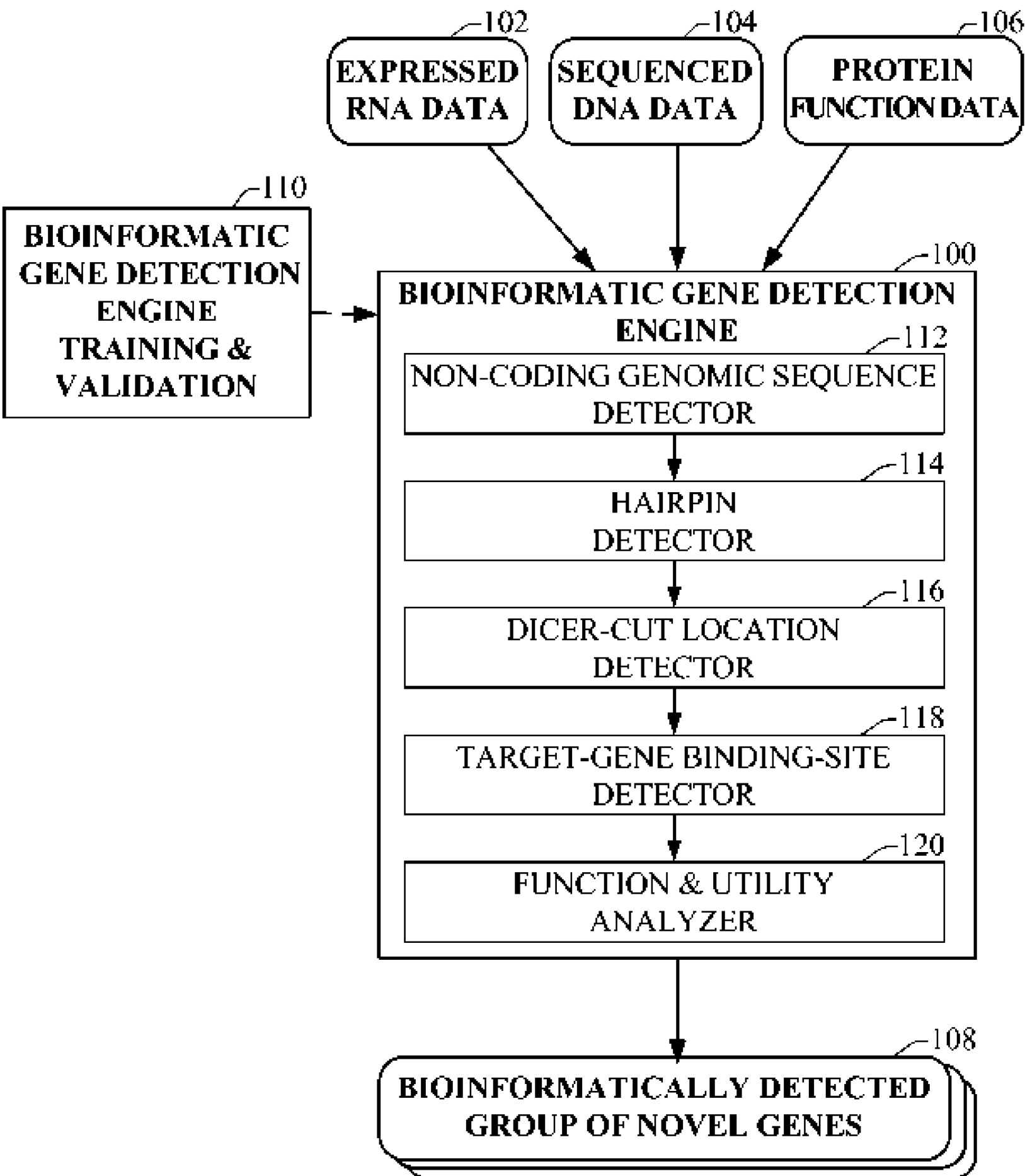


FIG. 10

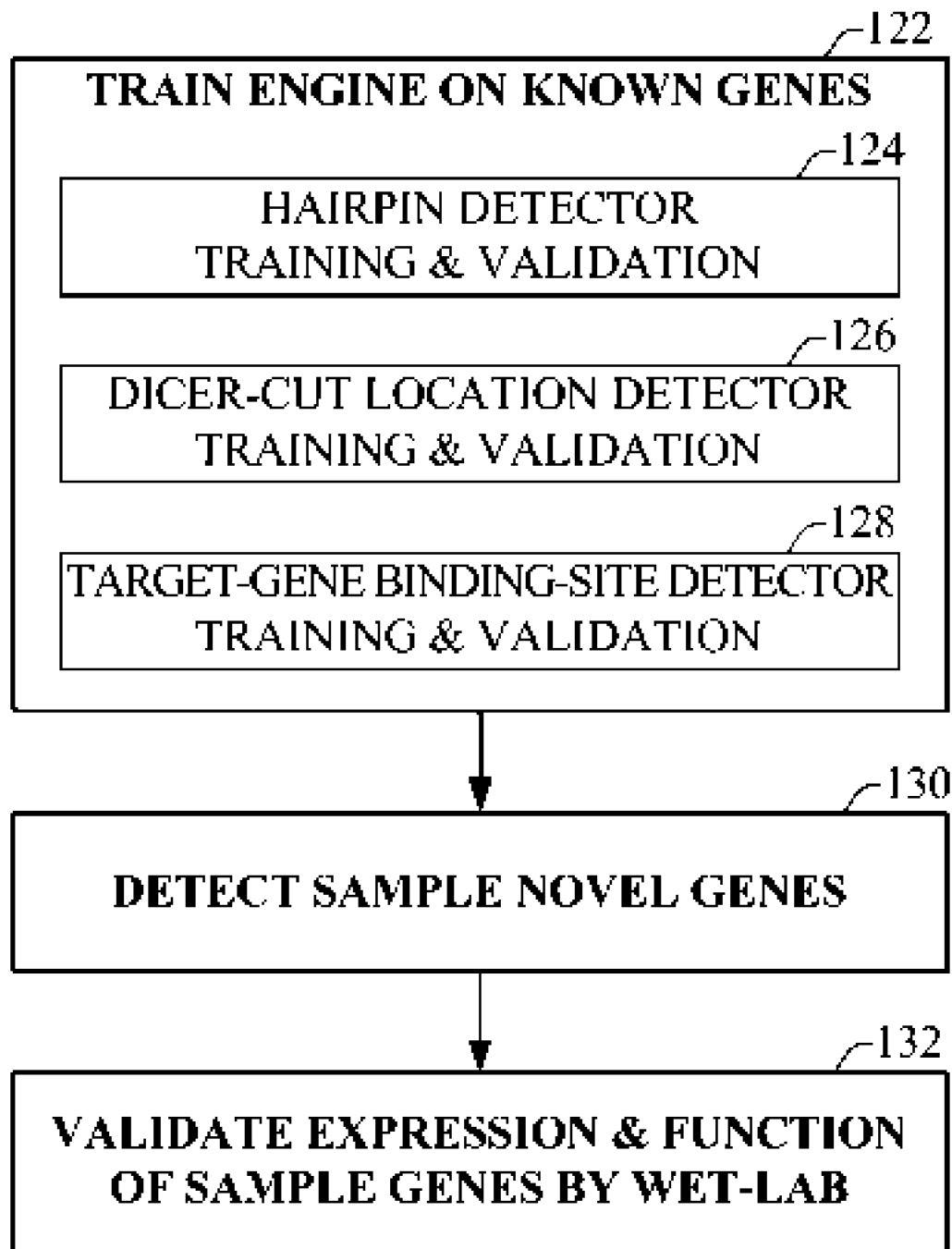


FIG. 11A

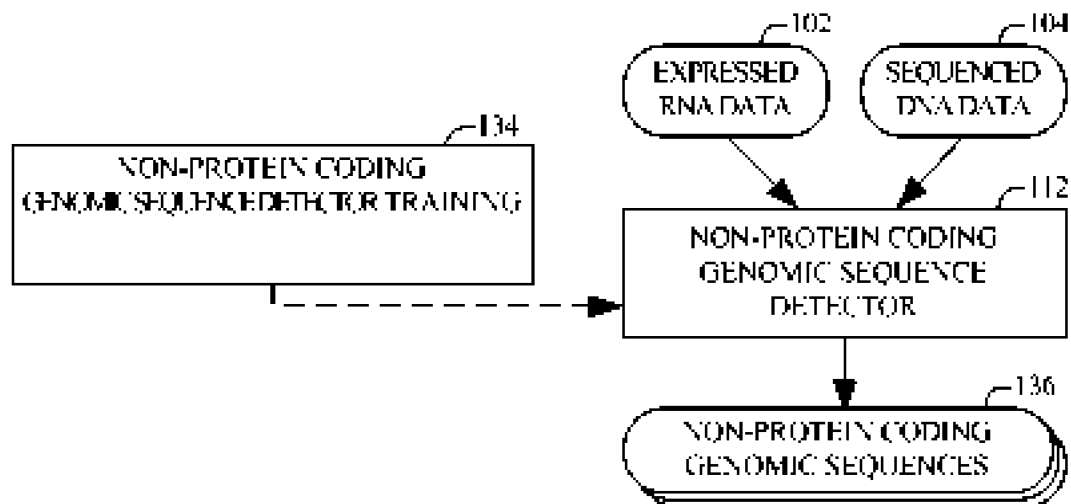


FIG. 11B

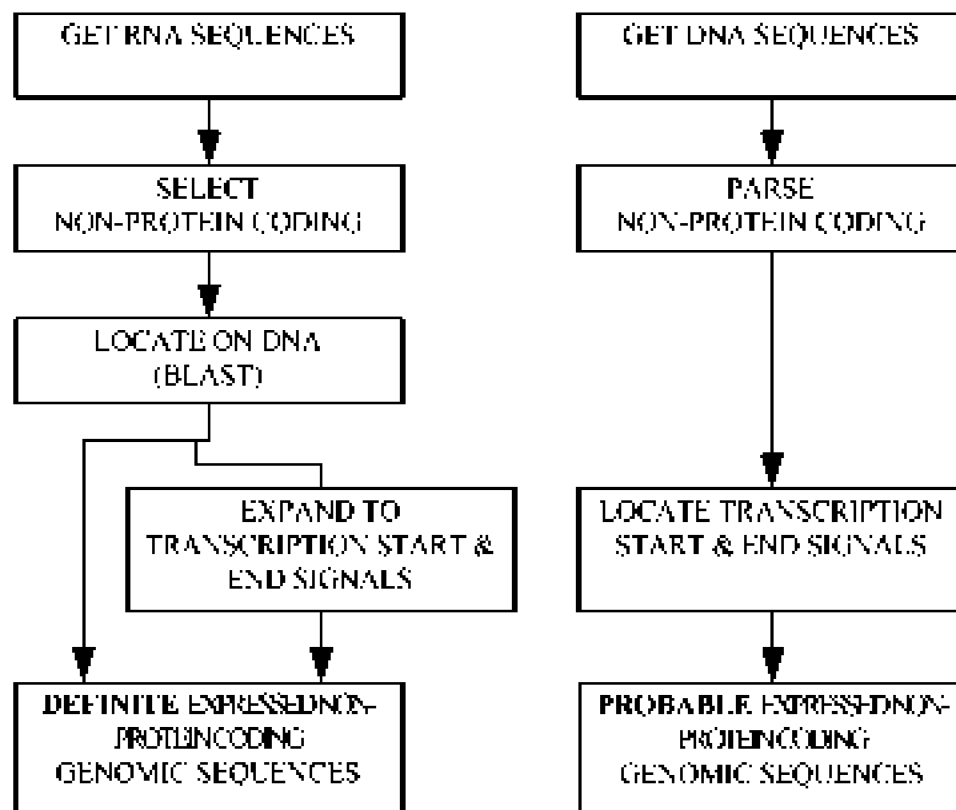


FIG. 12A

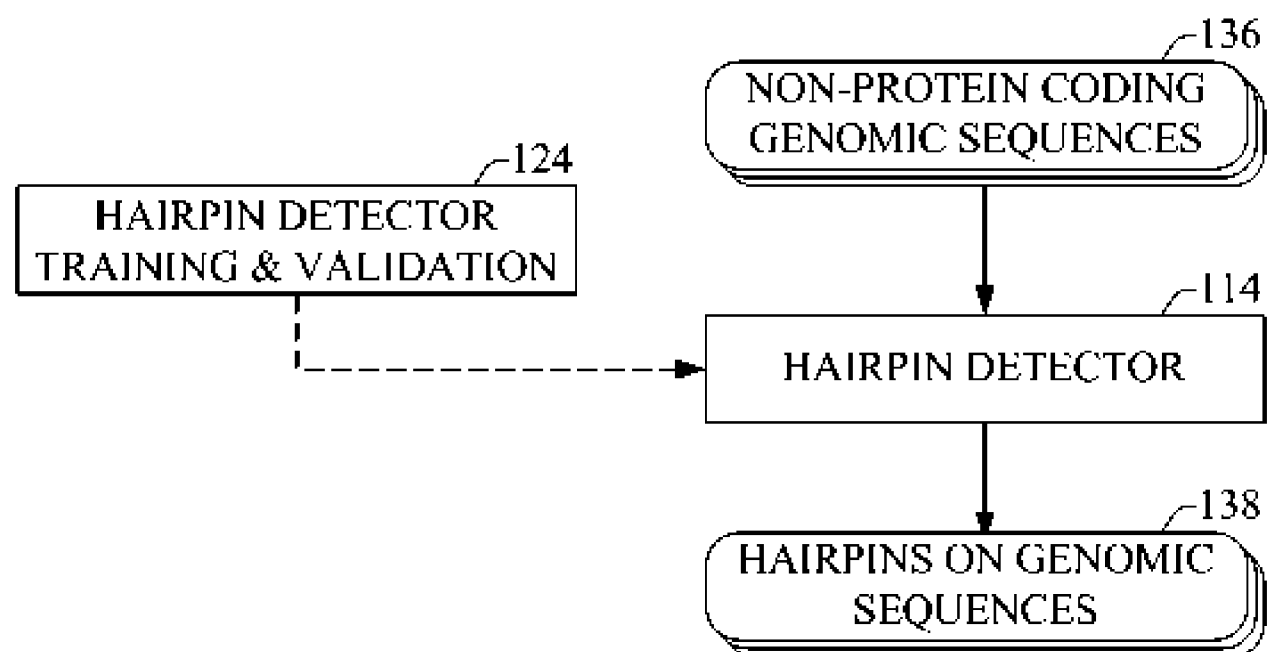


FIG. 12B

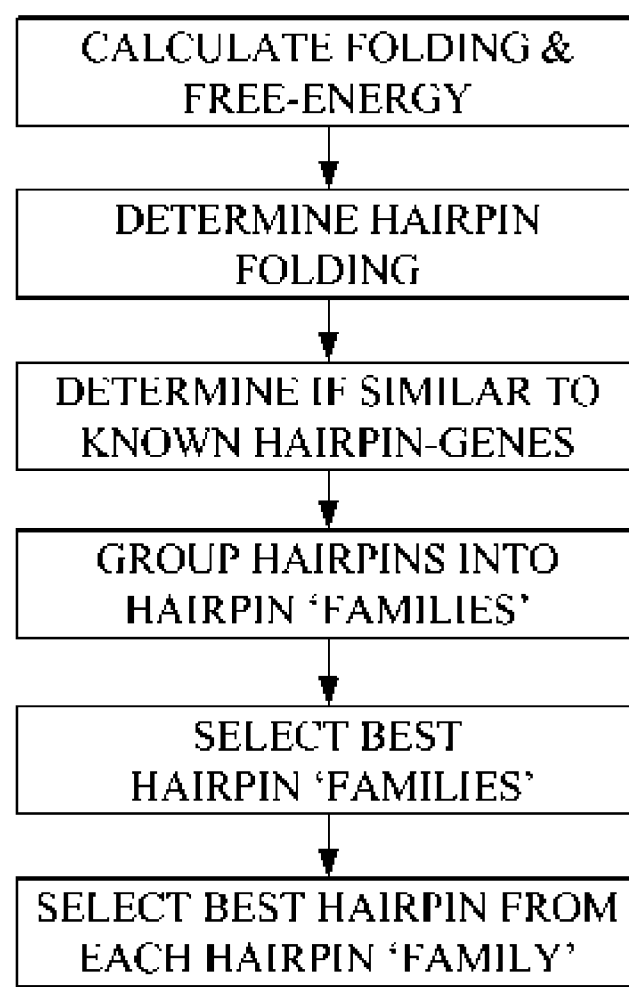


FIG. 13A

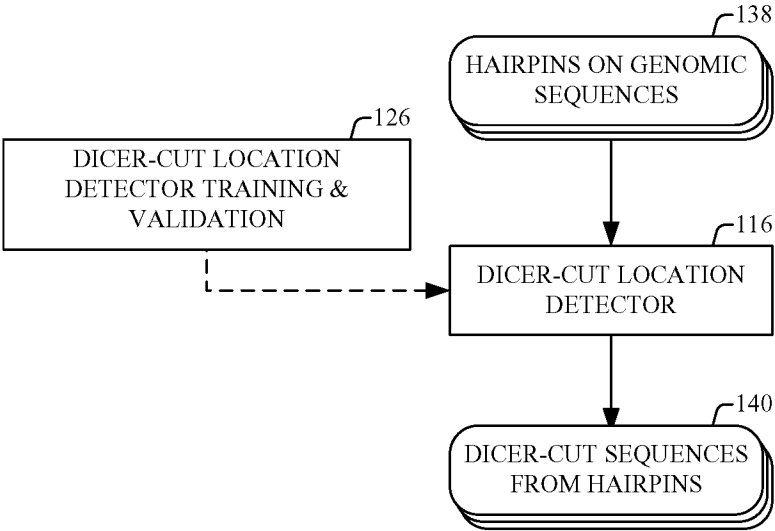


FIG. 13B

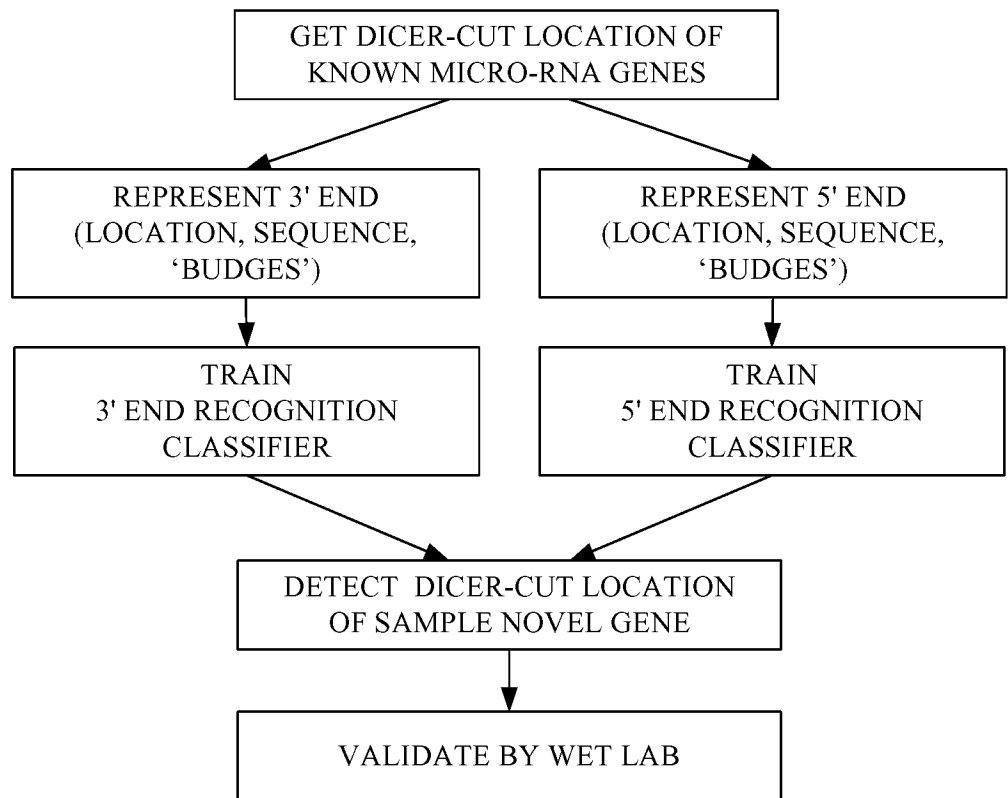


FIG. 13C

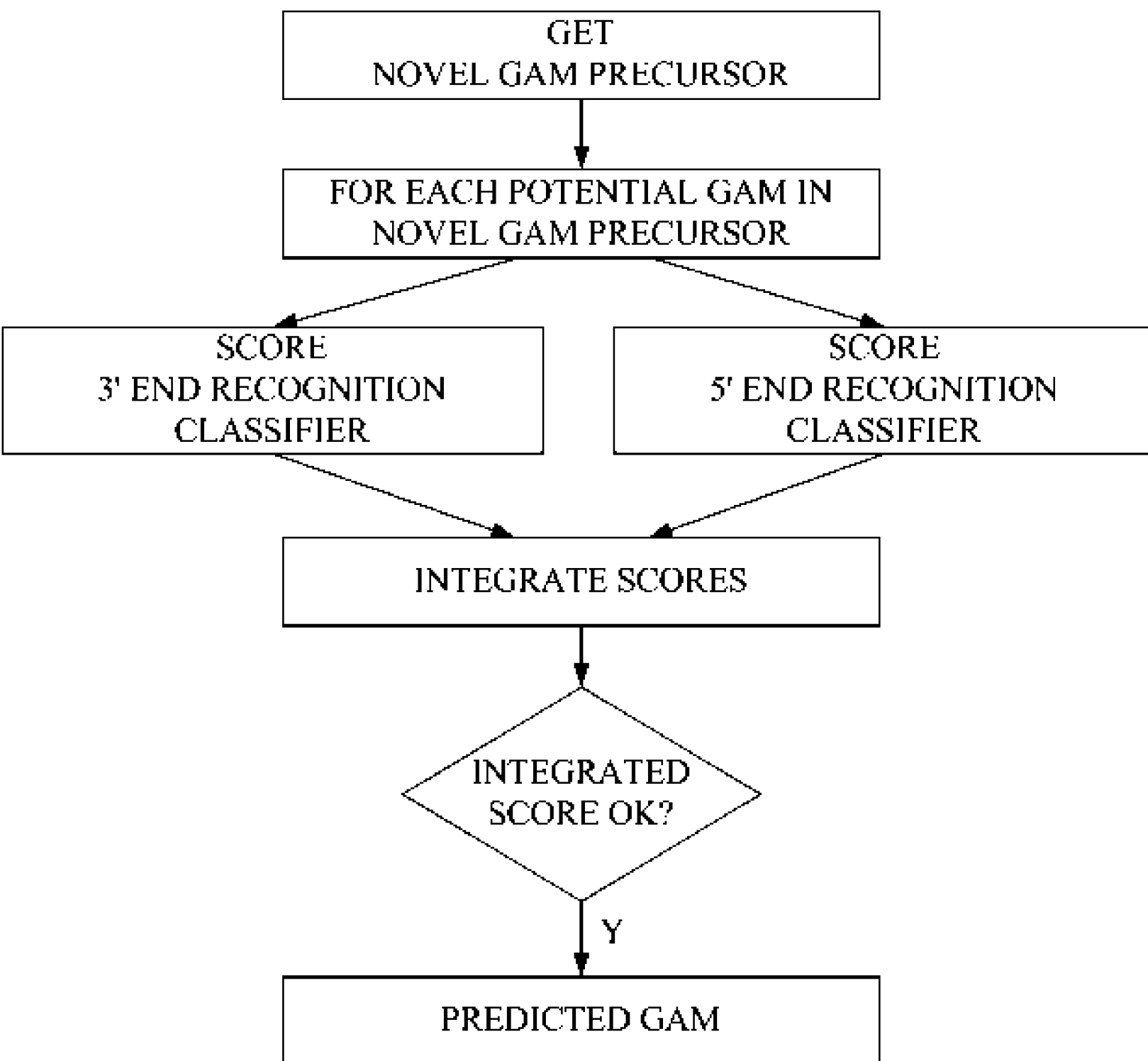


FIG. 14A

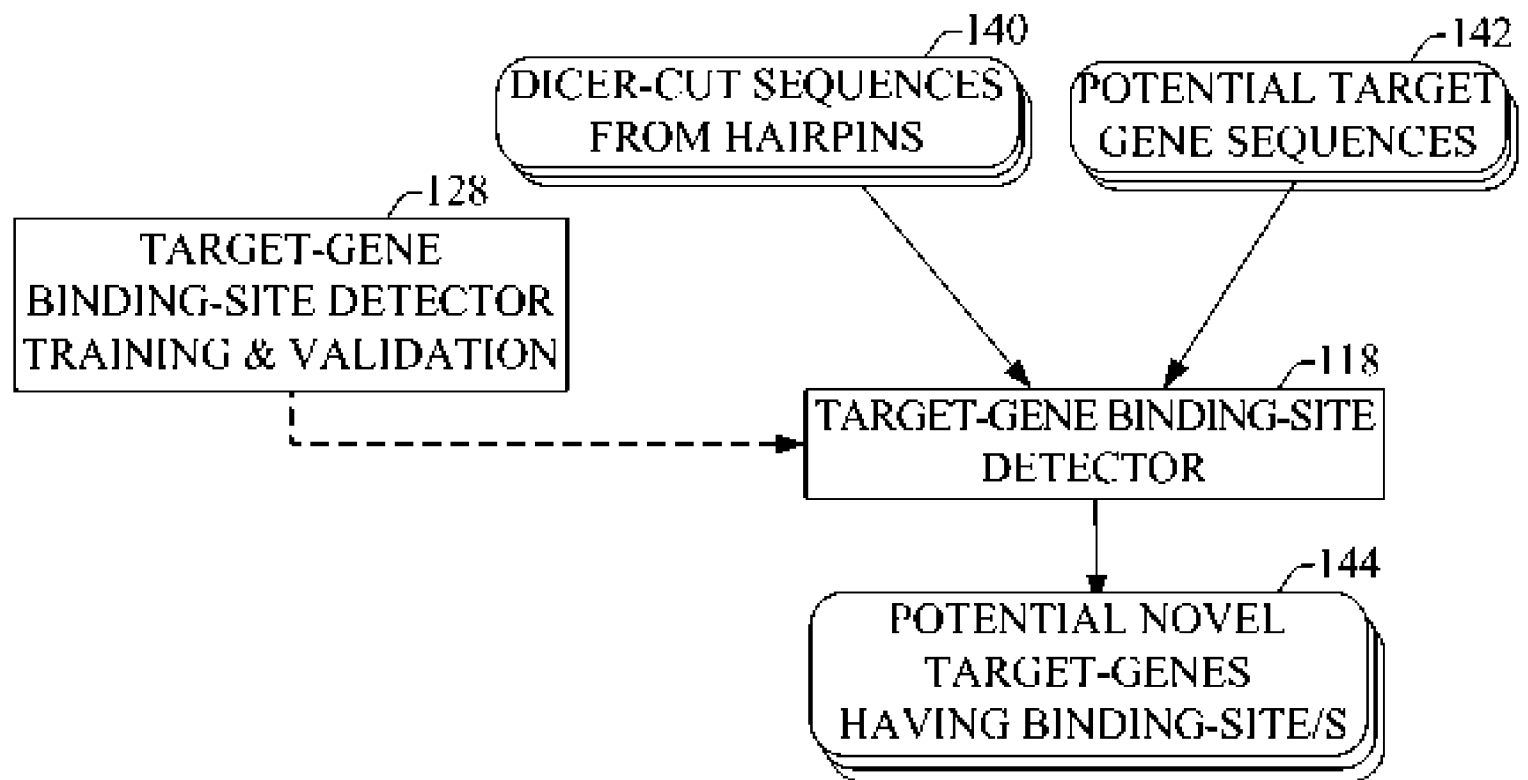


FIG. 14B

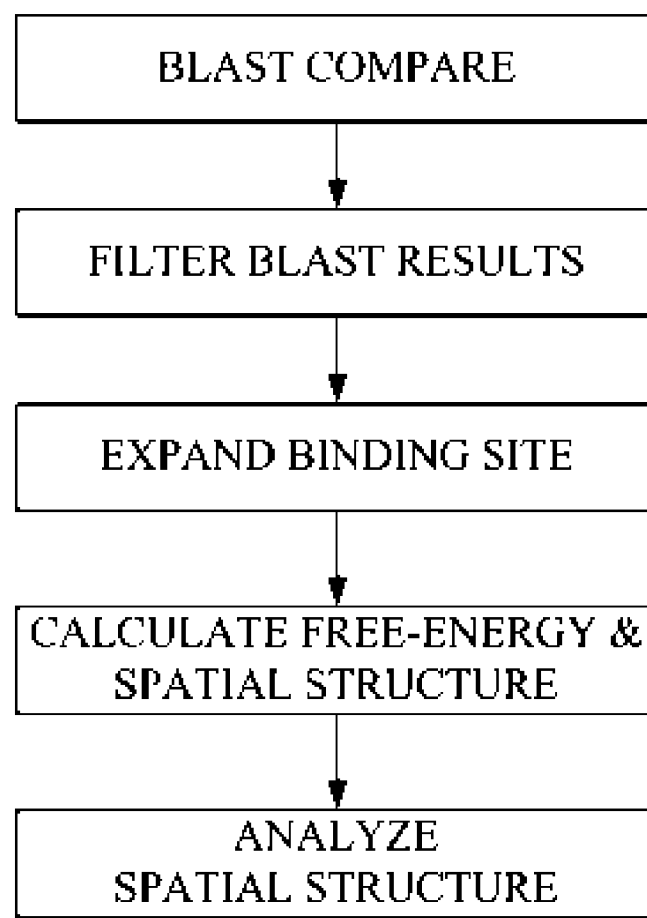


FIG. 15

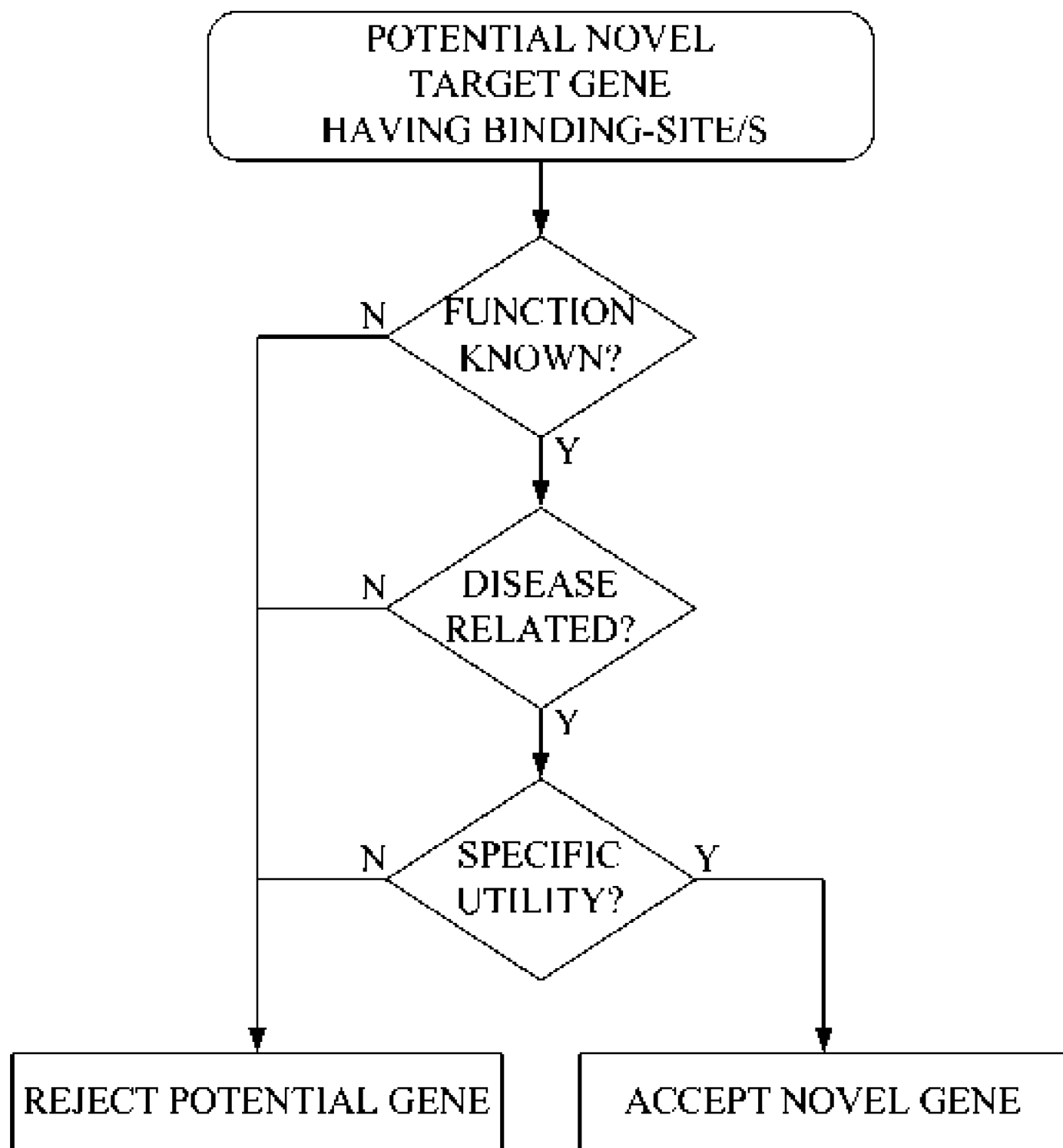


FIG. 16

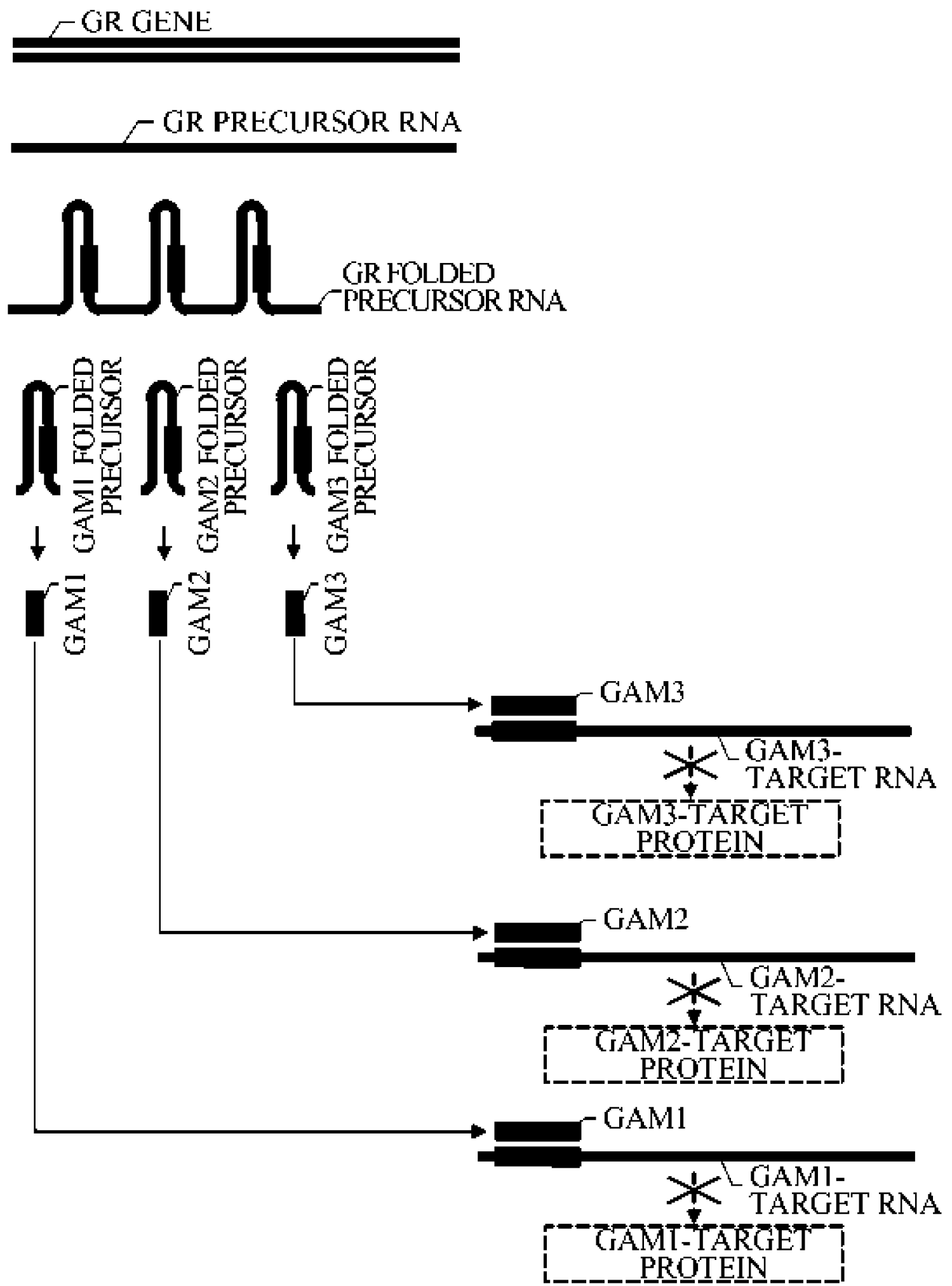


FIG. 17

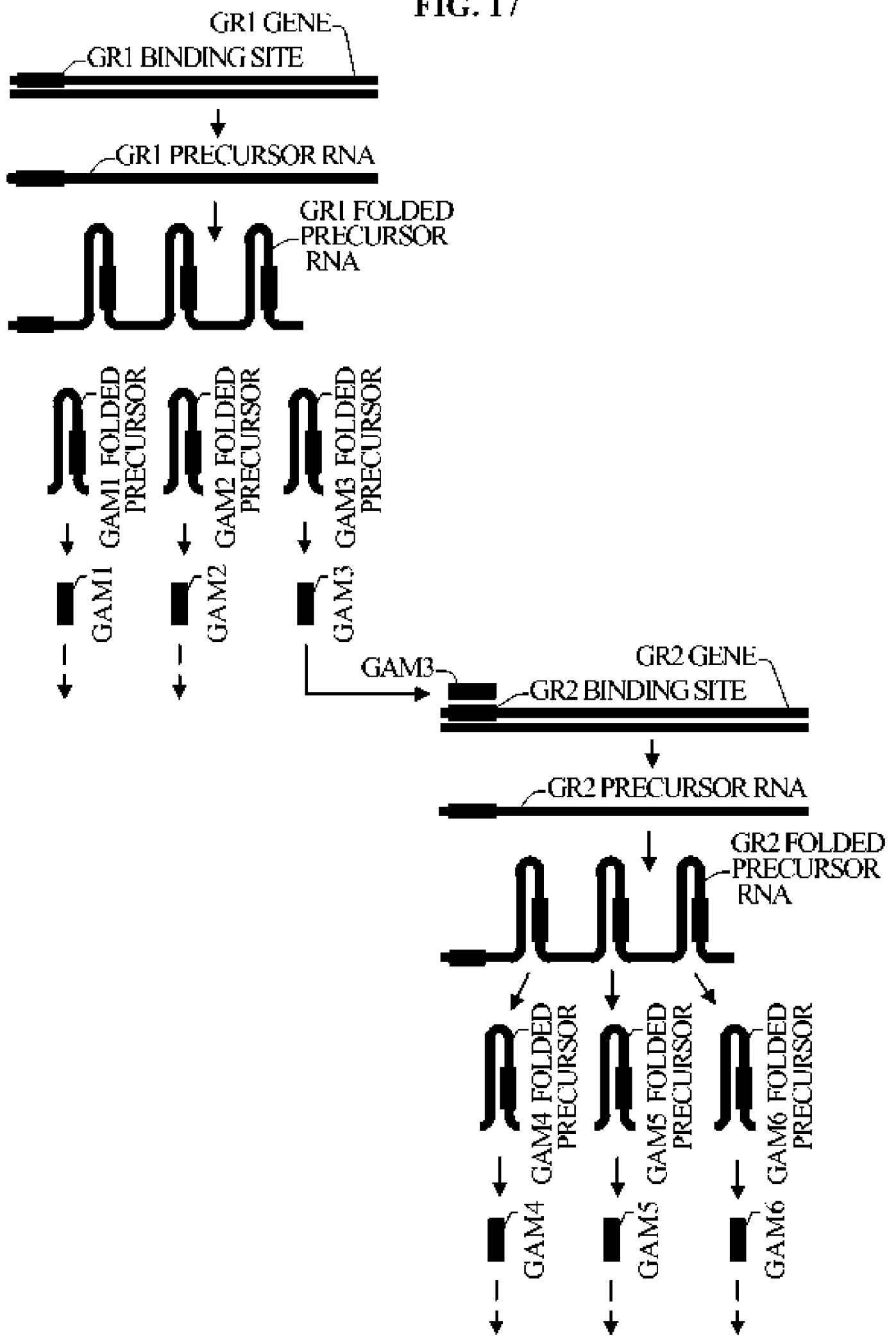


FIG. 18

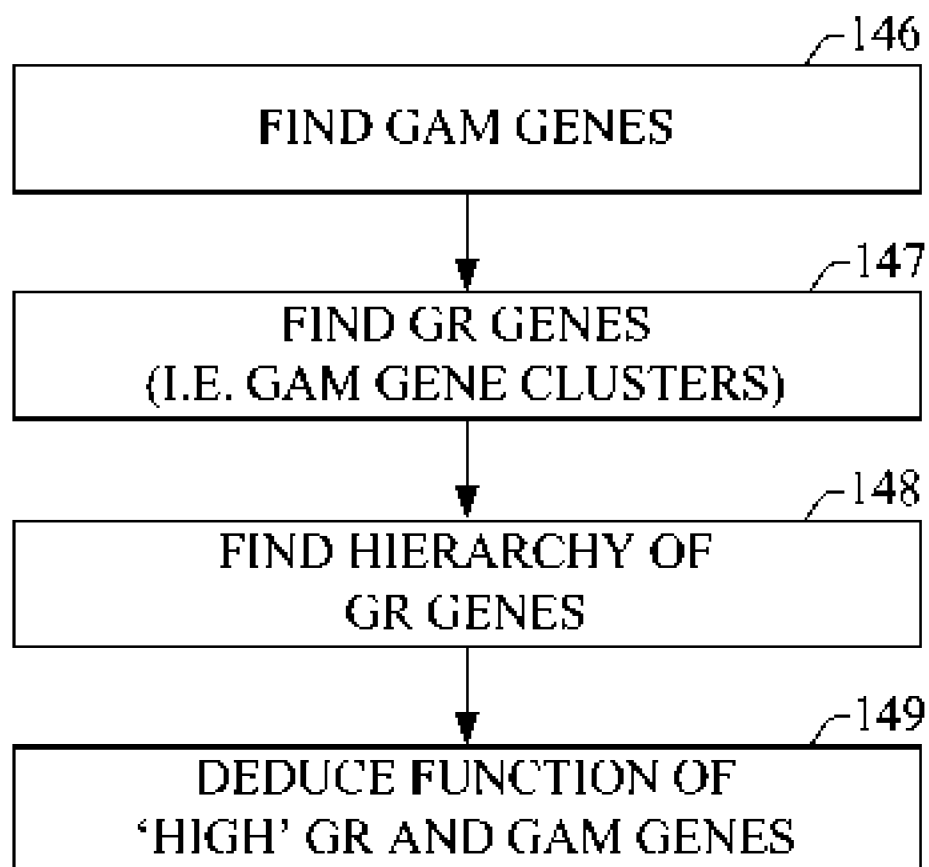


FIG. 19

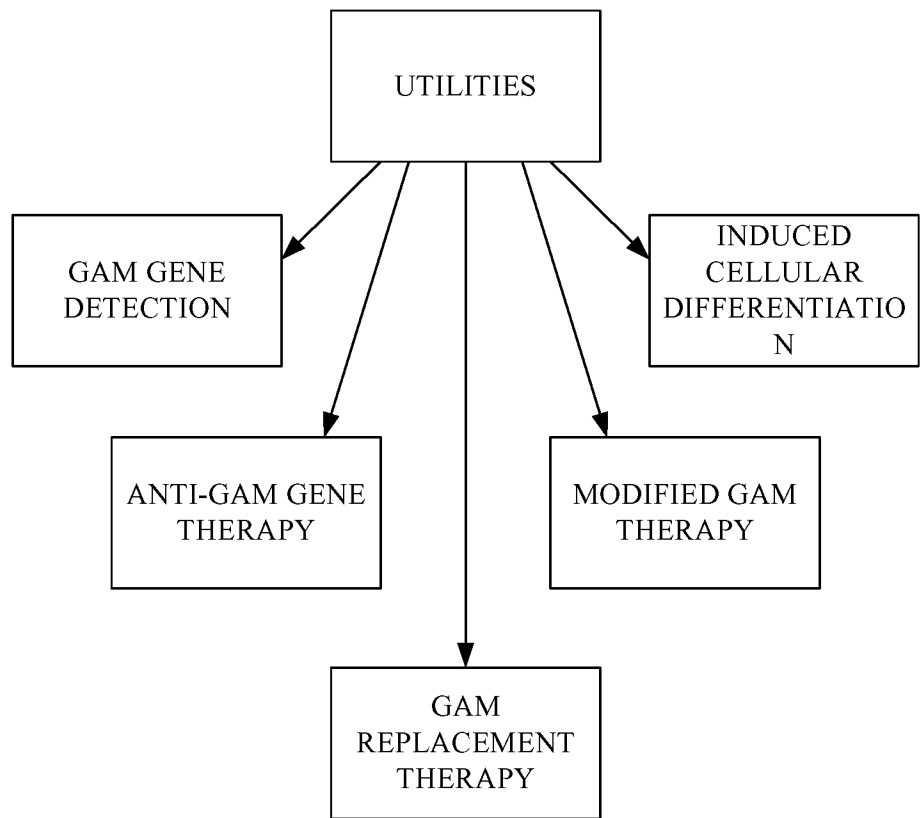


FIG. 20A

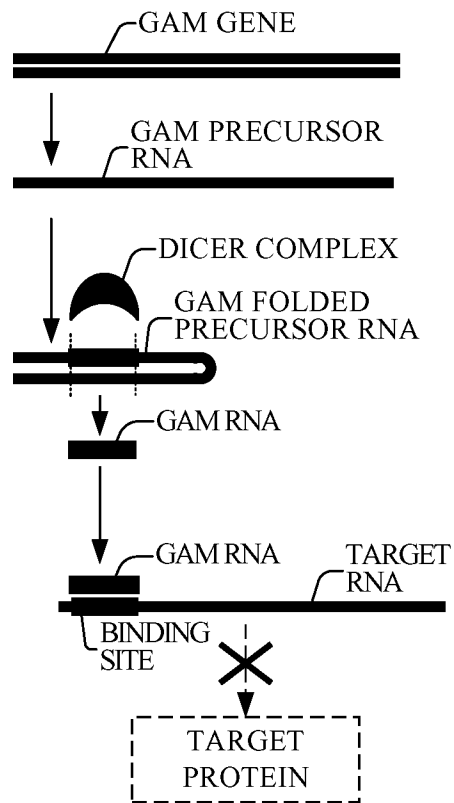
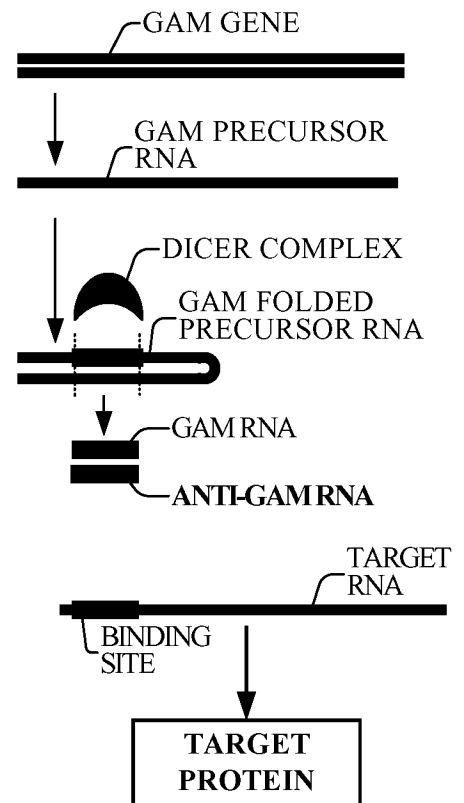


FIG. 20B

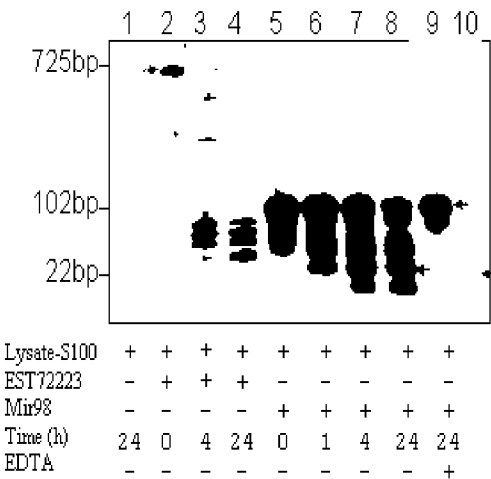


EST72223 sequence:

FIG. 21A

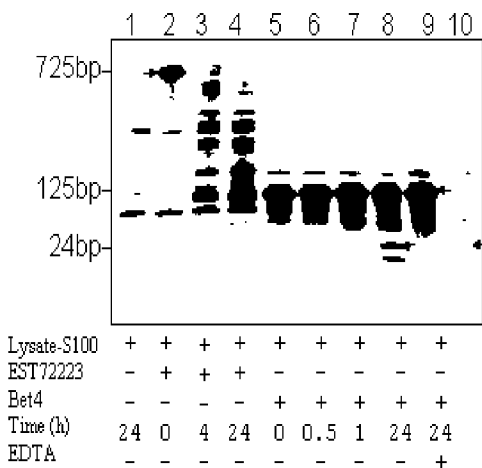
CCCTTATTAGAGGATTCTGCTCATGCCAGG**GTGAGGTAGTAAGTTGTATTG**
TTGTGGGGTAGGGATATTAGGCCCAATTAGAAGATAACTATACAAC MIR98
TACTACTTTCCCTGGTGTGTGGCATATTCACACTTAGTCTTAGCAGTGTTGCC
TCCATCAGACAAAGTTGTAGATGTTCCCTTGGATAATTTGGACTGGAAGAAAAGA
GACATGGAAGGGGACAGATGGTGTTTAGGGTGAGGCAGATGTCATTATAAAGT
GACTTGTCTTTCATTAATTGGAGCATATAATTATTTTACCTTTGGGCATGAACTC
ATTTTGCTATTCTTCAACTGTGTAATGATTGCATTTTATTAGTAATAGAACAGGA
ATGTGTGCAAGGGAATGGAAAGCATACTTTAAGAATTTGGGCCAGGC GCGGT
GGTTCATGCCTGTAATCCCAGCATTTTTGGGAGGCCGAGGCGGGTGGATCAC
CTGAGGTCAGGAGTTCGAGACCAACCTGGCCAACACGGCGAAACCCCGCCTC
TACTCAAATACAAAAATTAGCCAGGCTTGGTGACACTCGCCTGTGGTCCCAGC
TACTCAGGAGGCT**GAGGCAGGAGAATTGCTTGAACCCAGGAAGTGGAG** GAM2
GCTTCAGTGAGCTGAGAACACGCCACTGCACTCCAGTCCTGGGCAAC 5
AGAGCAAGACTCTGTCTCAGGAAAAAAAAAAG

FIG. 21B



MIR98

FIG. 21C



GAM2

5

FIG. 21D

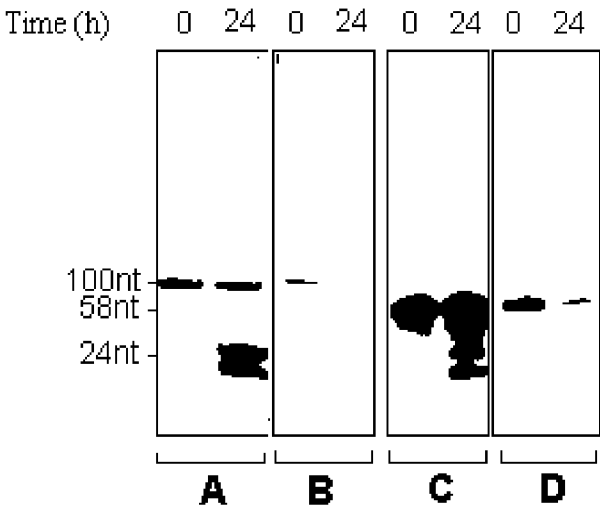


FIG. 22A

dbEST Id. 7929020 (Image4514344) sequence:

CCAAAAACTGCAAGCATTCCCTTTGAAAACCTGCCACAACACAGGCATCCCCTCTCTCAC
CGCTCCTATTCAACATAGTCTTGGAAGTTCTGCCCAGGGCAATTAGGCAGCAGAAGCAA
ATAAAGCCTATTCAATTAGGAAAAGAGCAACTCAAATTGTTCCCTCTTTGCAGATGACAT
GATTGTATATCTAGAAAACCCCATTTCTCTCAGCCCCAAATCTCCTTAAGCTGATAAGCA
ACTTCAGCAAAGTCTCAGCATACAAAATAAATGTACAAAATCACAAGCATTCTTACAC
ACCAACAACAGAAAAACAGAGCCAAATCATCACTGAACTCCCATTACAAATTGCTTCAA
AGACAATAAAATACCTAGCAATCCAACCTTACAAGGCATGTCAAGCACCTCTTCAAGCAG
AACTACAAACCACTGCTCAAGCAAATAAAACAGGATACAAACAAATGCAAGAACATTCC
ATGCTCATGGCTAGGAAGAATCAATATTGTCAAAATGGCCATACTGCCCAAGCTAATTT
ACAGATTCAATGCCATCCCCATCAAGCTACCAATCACTTTCTTCACAGAATTGCAAAAA
ACTACTTTAAAGTTTCATATGCAACCAAAAAAGAGCCCCCATGCCCAACTCAATCCTAAG
CCAAAAGAACAAAGCTGGAGGCATCACACTACCTGACTTCAAACCTTTACTACAAGGCTA
CACTAACC AAAACAGCATGCTACTGCTACCAAAAACAGAGATATACATCAATGCAACAGA
ACAGACCCCTCAGAAATAACCCCCAATACCTACAACCTATCTGATCTTTCACAAACCTCA
GAAAAACAAGCAATCGGGCAAAGCATTCCCTATTTAATAAATGCTCCTCGGAAAACCTGAC
TAGCCATATCTAGAAAGCTGAAACTGCATCCCTTCCTTACACCTTATACAAAAATCAAT
TCAAGATGCATTAAACATTTAAACCTTACACCTAAAACCATAAAAACCTAGAACAAAA
CCTAGGCATTACCATTACGACATAGGCATGGGCAAGCACTTCATGTCCAAAACACCAA
AAGCAATGGCAACAAAACACAAAATTGACAAATGGCATCTAATTAAACTAAAGACCTTC
TGCACAGCAAAAAGAACTACCAT**TCAGAGTGAACAGGCAACCTACAAAATGGGAGAAAAT**
TTTCGCAACCTACTCATCTGACAAAGGGCTAATATCCAGAATCTACAATGAACTCAAAC
AAATTTACAAAAAAA

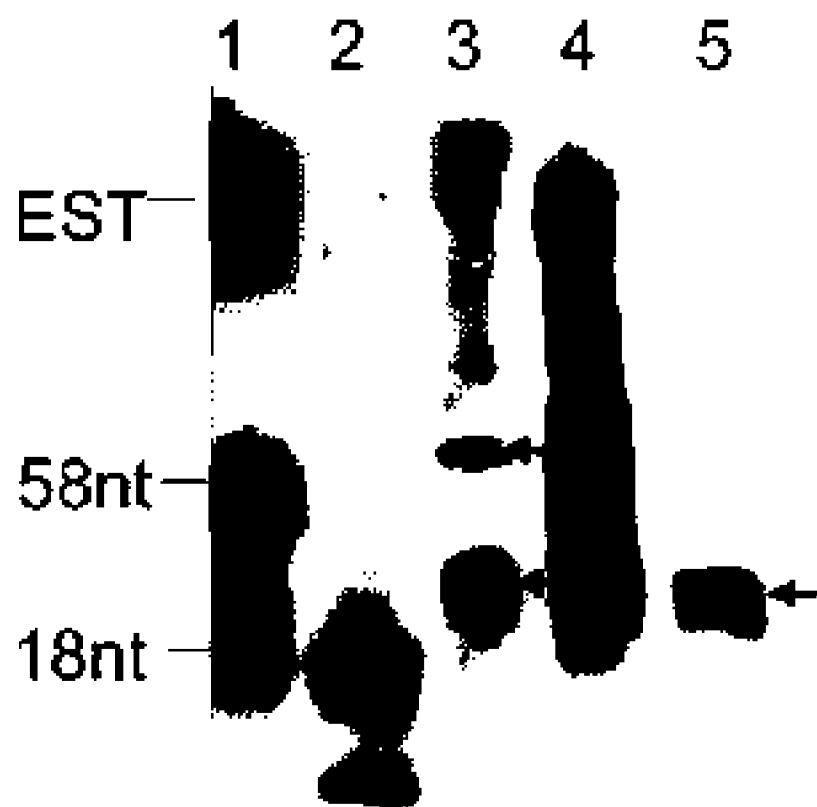
GAM24

GAM26

FIG. 22B



FIG. 22C



GAM26

FIG. 23A**dbEST Id.1388749 (Image1020185) Sequence:**

ACTCCTATCAACAGTGTAAGAGCATTCTGTTTCTCCATAATCTTGCCAGCATCTTTT
 CATTTTTTTTGAATTATAGCCATTCTGACTGTTGTGAGATGGTGTCTCATTGTGGTTTT
 GATTTGCATTTCTCAGATGATCAGTGATGTTGAAGTTTTTTTTGTTTGTGGCTGCATG
 TATGCCCTTCTTTTGAAAAGTGTCTGTTTGTGTCCCTTGACCACCTTCTAATGGGGTTG
 AGTTTTTTTTTCTTGTAATTTGTTTAAGTTCCTTGATAGATGCTGGATATTAGACCTT
 TGTCAGATGGATAGAGTGCAAAAATTTTCTCCCATTTCTGTAGGTTGTGGGTTTACTCT
 GTTGATAGGTTCTTAATGCTGTGCAGAAGCTCTTTAGTTTAATTAGATCCCATTGTG
 AATTTTGGCTTTTGTGCAATTGCTTTTGGCATCTTCGTCATGAAATCTTTGCCCTTG
 CCTGTGTCCTGAATGGCATTGCCTAGGTTTTCTTCCAGGATTTTTATAGTTTTGGGT
 GTAGATTTAAGTCTTTAATCCATCTTGAGTTAACTTTTGTATATGGGTAAAGGAAGGG
 GCCCGTTTTCAATTTGCTGCAAATGGCTAGCCAGTTCTCCCAGCACCATTTATTAAATA
 GGGAAATCTTTTCCCATTTGCTTCCTTTTGTGAGGTTTGTCAAAGATCACATGGTTGTA
 GGTGTGTGGTCTTATTTCTGGGTCTCTATTCTGTTCCATTGGGCTATGGGCCGGTTC
 TGTACCACCACTATGCTGTTTTGGGTACCATAGTCTTGTAGAATGTTTGAAGCTGGGT
 AGCATGATGCCTCTAGCTTTGCTCTTCTTGCTAAGAAATGTCTTGGCTATTTGGGCTC
 TTTTTTGGTTCCATATGAATTTTAAAATAGCTTTTTCTAGGTCTGTAAAGAATGTGAA
 TAGTAGTTTAATGGGCCTAGCATTTAATTTACAGATTGCCTTGGGCAGTGTGGTCATT
 TTCACGATATTGATCCTTCCGTCTGTGAGCATATGTTTT**TTCCATTTGTTTGTGTCAT**
CTCTGATTTCTTTGAATAATGGTTTATAGTTATCCTTGAAAAGGTCCTTCACTTTTCT
TGTTAGCTGTATTCCTAGATATTATACTCTTCTTGTCGCAATTGTGAATGGGAGTTAA
 TTCATGAGTTTTCTCTCGGCTTGCTGTTGTTGGTGTATAGGAATGCTAGTGACTTTT
 GCACATTGATTTTGTATCCTGAGACTTTGTTGAAGTTGCTTATCAGCTAAGAAGTTTT
 TGAGCTGAGATGATGGAGTTTTCTAGATATAGGATCATATCATCTGCAAACAAAGATA
 GTTTGACTTCCTGTCTTCCTATTTGAATAGCTTTTCTTTCTTTCTTGCCTGATTGC
 CTTGGTGAGAATTTCTAATACTGTGTTGAATAGGAGTGGTGAGCTCGTGCCAA

GAM 27**FIG. 23B**

1 2 3 4 5 6 7



←EST

←130nt

←22nt

GAM27